



# Recombinant Escherichia coli O157:H7 4-hydroxy-2-oxovalerate aldolase (mhpE)

<b>Product Code</b>	CSB-YP471520EOE
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	B5Z2Q7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O157:H7 (strain EC4115 / EHEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MNGKKLYISD VTLRDGMHAI RHRYSLNV R QIAKALDDAR VDSIEVAHGD GLQGSSFN YG FGAHSDLEWI EAAADV VKHA KIATLLLP GI GTIHDLKNAW QAGARVVRVA THCTEADVSA QHIQYARELG MDTVGF LMMS HMTTPENLAK QAKLM EGYGA TCIYVVDSGG AMNMSDIRDR FRALKAVLKP ETQTGMHAHH NLSLGVANSI AAVEEGCDRI DASLAGMGAG AGNAPLEVFI AAVDKL GWQH GADLYALMDA ADDLVRPLQD RPVRVDRETL ALGYAGVYSS FLRHCETAAA RYGLSAVDIL VELGKRRMVG GQEDMIVDVA LDLRNNK
<b>Source</b>	Yeast
<b>Target Names</b>	mhpE
<b>Protein Names</b>	Recommended name: 4-hydroxy-2-oxovalerate aldolase Short name= HOA EC= 4.1.3.39 Alternative name(s): 4-hydroxy-2-keto-pentanoic acid aldolase 4- hydroxy-2-oxopentanoate aldolase
<b>Expression Region</b>	1-337
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.